

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.23

RECEIVED
JAN 18 1946
U. S. Department of Agriculture

[1946]

LIVESTOCK

NUTRITION ★

CORN the crop
that supports a
hemisphere



Funk's "G"
HYBRID
CORN GUIDE

When you think of **CORN** think *first* of **FUNK'S "G"**



because **FUNK'S "G"** **PRODUCES TOP NOTCH YIELDS**

Funk's G-Hybrids pay off at harvest time. That's when you see extra bushelage per acre piling up in your corn crib. Full stands, vigorous growth, efficient use of available moisture and fertility result in high yields from Funk's "G" fields.



because **OF FUNK'S "G"** **TOP NOTCH Field Performance**

Rugged standability . . . Effective resistance to damage by chinch bugs, corn borers, earworms, and other common insects and diseases . . . Ability to withstand cold, heat, drouth and hard winds . . . Fast early growth . . . Quick drying after maturity. You can expect these Funk's G-Hybrid qualities. Funk's "G" won't let you down.



because **FUNK'S "G"** is **TOP NOTCH for Feeding or Market**

Quality . . . You get it in Funk's "G." For live-stock feeding, recommended G-Hybrids are deep-kerneled, well-dented, full-germed and packed with mellow starch. Heavy foliage is ideal for silage. Uniform, fast-drying, disease-free grain grades high. It's Better Corn through Research.

FUNK'S "G" ...the first name



How **FUNK'S "G" MAKES CORN PROFITS ON YOUR FARM**



SPEEDS CULTIVATION . . . Uniform stands and rapid, vigorous early growth simplify cultivation. Your Funk's G-Hybrids help you get ahead of weeds.
YOUR PROFIT: Time and labor saved.



HUSKS OUT CLEAN . . . Short-shanked, easily husked ears, firmly held at uniform height on straight, long-standing stalks, simplify harvesting work.
YOUR PROFIT: Time and labor saved.



RESISTS DROUTH . . . Massive, deep-rooted plants make full use of available plant food and moisture to grow a crop under extreme hot, dry weather.
YOUR PROFIT: Higher yields, heavier corn.



RESISTS INSECTS AND DISEASE . . . Funk's G-Hybrids come through against borers, chinch bugs, and other common insect pests and diseases.
YOUR PROFIT: Higher yields, higher quality.



DRIES RAPIDLY . . . Funk's "G" strains lose moisture fast on maturity, so you can get your corn marketed or cribbed early with low moisture content.
YOUR PROFIT: Higher quality, better price.



FUNK'S "G" IS GEARED TO YOUR FARM . . . Recommended strains are developed and farm-proved especially to yield and perform profitably under the conditions of soil, moisture, climate, insects and disease found in your neighborhood. Plant Funk's "G" with confidence.

name associated with **HYBRID CORN**

HOW TO CHOOSE THE FARM-PROVED FUNK'S G-HYBRID STRAINS THAT CAN GIVE YOU



- ★ TOP YIELDS
- ★ RUGGED STANDABILITY
- ★ DROUTH RESISTANCE
- ★ COLD RESISTANCE
- ★ INSECT RESISTANCE
- ★ CLEAN, FAST HUSKING
- ★ FINE FEEDING QUALITY

On Your Soils and Under Your Growing Conditions

Here's how to pick Funk's G-Hybrids which are "geared" to your farm: On the map below, determine the region in which your farm is located—Region 1 (buff-colored), Region 2 (blue), and so on. Then look in the right-hand column and find the Funk's G-Hybrids recommended for your region. Many of them are described in detail on other pages. For additional information, see your friendly Funk Distributor or write us direct.

4

Approximate Maturities For Funk's G-Hybrids

- | | |
|--------------------------|---|
| G-176 | { Medium maturity in the central part of Region 1. |
| G-1 | |
| G-7 | { Full season in central part of Region 1, and medium in lower section of Region 1. |
| G-12 | |
| G-31 | |
| G-29 | { Full season in southern part of Region 1 and medium to early maturity for Region 2. |
| G-114 | |
| G-16 | |
| G-66 | |
| G-67 | |
| G-55 | |
| G-74 | |
| G-550W
(White) | { Full season in lower part of Region 2 and northern part of Region 3. Medium to early in Region 3. |
| G-33 | |
| G-170 | |
| G-37 | |
| G-212 | { Full season in southern part of Region 3. Medium to full season in Region 4 and early in Region 5. |
| G-211 | |
| G-32 | |
| G-53 | |
| G-169 | |
| G-104 | { Full season in Region 4 and medium in Region 5. |
| G-94 | |
| G-80 | { Full season in lower part of Region 4 and medium to full season in Region 5. Medium to early in Region 6. |
| G-527W
(White) | |
| G-515W
(White) | |
| G-90 | { Full season in Region 5 and medium in Region 6. |
| G-135 | |

Base map copyright by Rand McNally & Company, Chicago



Out in Front!

IN YIELD AND PERFORMANCE FOR SHORT SEASONS

For short growing seasons, Funk's G-1 is a time-proved favorite. Early-planted G-1 will germinate and grow, vigorous, strong and rapidly, even in cool soil. And it keeps right on coming! Makes big, fully-matured ears in a short season—and holds them at medium height on short shanks. Massive root and stalk structure give rugged standability. At maturity the husks open up to permit fast drying. Funk's G-1 makes medium-dented kernels with fine feeding qualities.

EAR ACTUAL SIZE

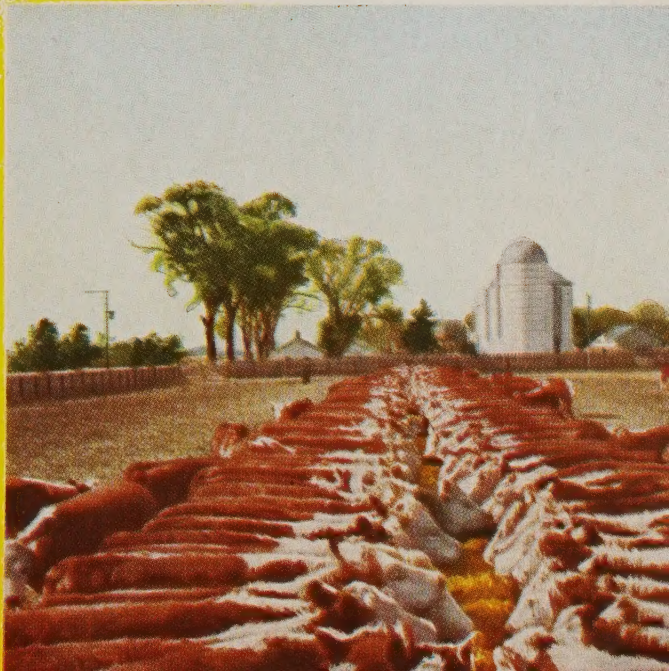
FUNK'S G-1

ADAPTATION:

Regions 1 and 2 of Map on Page 4 . . . For the shorter growing season of the northern corn producing areas, Funk's G-1 carries a splendid record of performance. It is a medium to full season hybrid in the central part of Region 1 and up into the thumb of Michigan. Early in the upper part of Region 2. Excellent for northern Illinois and southern Wisconsin if early corn is desired. A good producer on a wide variety of soils.

5

MEAT MAKER! That's Funk's "G." Puts weight on livestock fast, efficiently and uniformly. Well-dented, deep, full-germed, soft-starched kernels—or succulent, heavy-foliaged silage corn . . . Funk's G-1 is a favorite. Here are 300 Texas Herefords turning Funk's "G" into good beef on a Corn Belt farm.



For FEED or MARKET *Plant* FUNK'S G-12

For top-notch feeding quality, high yields and exceptional standability, Funk's G-12 is the favorite of thousands of farmers and stockmen in its adapted areas. Starts fast and makes rapid early growth — an advantage which it maintains up to maturity. Leaves stay green after ears start to mature, pumping strength and standability into sturdy stalks. Makes heavy yields of good quality grain or fine fodder and silage.

EAR ACTUAL SIZE

FUNK'S G-12

ADAPTATION:

Regions 1 and 2 of Map on Page 4 . . . Funk's G-12 is a medium to full-season hybrid in the lower part of Region 1. For Region 2 it is early. G-12 can make a crop in short seasons. An excellent performer for later planting in Regions 3 and 4. Yields well as far north as Janesville, Wis., and Lansing, Mich. It is well adapted for the muck lands of northern Indiana.

6



"G"REAT CORN! In its adapted area, Funk's G-12 produces heavy yields. Here's Beth Vollenweider and her dog, Ring, with a pile of excellent quality Funk's G-12 that made 107 bushels an acre in a hybrid test plot grown in the northern corn belt.

Streamlined FIELD PERFORMANCE

Funk's G-31 pays off on many soil types. For farms where there's both rich and thin soil in northern corn belt areas, G-31 is your corn. It starts fast under backward spring weather . . . Withstands summer drouth . . . And gets its moisture content down in a hurry after maturity, to escape the first fall freeze. A high yielder, with large sound ears of well-dented, deep kernels—fine feeding corn.

EAR ACTUAL SIZE

**FUNK'S
G-31**

ADAPTATION:

Regions 1 and 2 of Map on Page 4 . . . Funk's G-31 is medium to full season in the southern part of Region 1 and the northern part of Region 2, and early to medium in maturity in the southern part of Region 2. Gets off to a rapid start even under chilly, damp conditions. Dries fast after reaching maturity. Has excellent drouth resistance. G-31 makes a heavy growth of foliage, excellent for silage.

7

EXTRA BUSHELS per acre . . . Possible with Funk's G-31. Large, uniform, sound, splendid-type ears, like these, with deep kernels on small cobs add up to heavy yields. And Funk's G-31 is bred to produce just this kind of corn.



IN THE SKY *it's B-29* IN THE CORN FIELD *it's G-29*

B-29—the Super Flying Fortress—is the world's greatest bomber . . . Fast, wide in range, able to overcome opposition, and dependable in accomplishing its mission. Funk's G-29 accomplishes its mission, too—making heavy yields of sound corn even under difficulties. Takes off fast with plenty of power to overcome adverse spring weather. Makes a top-notch crop on a wide range of soils. Harvests easily. Produces a big, mold-resistant cylindrical ear on a rugged stalk.

EAR ACTUAL SIZE

FUNK'S G-29

ADAPTATION:

Regions 1, 2 and 3 of Map on Page 4 . . . Funk's G-29 is a full season hybrid in the southern part of Region 1 and the northern part of Region 2. In the southern part of Region 2 it is of medium maturity, and in Region 3 is of early to medium maturity. A favorite of farmers in the southern part of Region 3 who need an early supply of feed. Well suited to many soil types and fertility levels. Funk's G-29 gives excellent standability.

8

HAPPY ENDING! Leonard Klock's corn acres came through with a bumper yield—and Funk's G-29 contributed a big share in making that yield possible. G-29 is noted the Corn Belt over for its yield and performance.



Sets the Pace WITH RUGGED STANDABILITY

Funk's G-114 is a "fightin' corn" from the time the seed is dropped until those rugged stalks are ready to hand you a heavy yield of high-quality corn on large ears. G-114 comes through against cold, damp spring . . . excessive summer heat . . . high winds and storm . . . and assault by insect pests. Does well on many soil types and under varying growing conditions. Leaves stay green after the ear matures, to finish building a sturdy stalk.

EAR ACTUAL SIZE

FUNK'S G-114

ADAPTATION:

Regions 1, 2 and 3 of Map on Page 4 . . . Funk's G-114 is a full season hybrid for the southern fringe of Region 1, medium to full season for Region 2, and early to medium maturity for Region 3. One of the outstanding hybrids in its maturity belt—and deservedly a favorite. Has an enviable performance and yield record in a broad range of soil and growing conditions. Highly drought and insect resistant, and is also noted for exceptional standability.

9

TOP-NOTCHERS . . . Man and corn. Dr. J. R. Holbert, chief of the Funk Hybrid Corn Research Staff, with a Funk's G-Hybrid strain developed by the staff. Dr. Holbert has devoted his life to developing new and more profitable strains of America's most important crop.



A H U S T L E R

STARTS FAST FINISHES STRONG

Rapid early growth in Funk's G-16 starts this all-around excellent corn on the way to high bushelage of big-girthed, cylindrical ears that "weigh heavy." Wide-spreading, deep roots anchor the stiff, long-standing stalk in a well-balanced, efficient corn-making "machine" in most common soils. Ears are carried at just the right height for fast, clean husking by hand or machine, with practically no dropped ears. Funk's G-16 kernels are deep and medium rough.

EAR ACTUAL SIZE

**FUNK'S
G-16**

ADAPTATION:

Regions 2 and 3 of Map on Page 4 . . . Funk's G-16 is of medium to full season maturity in Region 2 and early to medium maturity in Region 3. (In Region 4 it will mature from plantings as late as June 15 to 20.) G-16 has proved its ability to perform with the best, on farms varying greatly in soil types and fertility levels. Produces heavy foliage, which makes it outstanding for silage or fodder purposes.

10

OVERTIME! Funk's G-16 keeps right on working even after the ears are mature—a triumph of Funk research. Leaves remain green for several days, reinforcing the "sinews" of the stalk with additional stalk-building materials.



Leader

IN STANDING and FEEDING QUALITY

Funk's G-66 is a "leader" in field performance, in yieldability and in grain quality. Combines strong resistance to chinch bugs and corn borers . . . rapid drying after ears reach maturity . . . ability to hold ears well on rugged stalks even when harvest is long delayed . . . and remarkable resistance to drouth. It makes heavy yields under a wide range of growing conditions and soil types. Produces sound, solid ears of deep, soft-textured and well-dented kernels that cover the tip.

FUNK'S G-66

ADAPTATION:

Regions 2 and 3 of Map on Page 4 . . . Funk's G-66 is of medium to full season maturity for Region 2, and medium season in Region 3. In its adapted regions it makes a fine production and performance record under a wide variety of growing conditions and soils. Unexcelled in standability, and resistant to insects. Funk's G-66 develops full-girthed ears of fine-quality feeding corn on short shanks.

EAR ACTUAL SIZE

11



QUALITY AND STANDABILITY . . . This photograph, taken March 12, 1945, at Ashton, Ill., illustrates the rugged standability and ear-holding ability of Funk's G-Hybrids. There was scarcely any loss in grain quality through the long, cold winter.

A WINNER WITH *Many friends*

Funk's G-37 is more popular every year, for good reasons. Husks easily by hand, clean by machine. A favorite of livestock farmers, dependable for high yields, standability, and high degrees of resistance to corn borer, rootworm and chinch bug damage . . . with the added value of making a large, medium rough ear with well dented, mellow, starch-packed kernels that build beef or pork fast and efficiently. Produces heavily, with rarely a lodged stalk or a dropped ear.

EAR ACTUAL SIZE

**FUNK'S
G-37**

ADAPTATION:

Regions 2, 3 and 4 of Map on Page 4 . . . Funk's G-37 is full season for the southern half of Region 2 and the northern half of Region 3. In lower Region 3 and upper Region 4, it is of medium maturity. G-37 is truly a top-notch hybrid for its regions of adaptation. It is well suited to all types of soil, with demonstrated ability to make fine yields, even when growing conditions are not entirely favorable.

12

"G"OOD CORN . . . Laurence Kreager displays three beautiful ears of Funk's G-37—the kind of corn farmers like. G-37 is famous for its quality, either as feeding or market corn. And it's a high yielder, too.



Big EARS... Big YIELDS

There's nothing small or weak about G-169. It's a "he-man" hybrid . . . And it's quality corn, from start to finish. G-169 produces long, splendid-type ears. Its deep, well-dented kernels are top-notch for feed quality. And Funk's G-169 produces that kind of corn even when the going is tough. It makes a fast start, even in cool spring weather, and it carries that advantage right through the season. Funk's G-169 is highly regarded for its excellent drouth resistance.

EAR ACTUAL SIZE

FUNK'S G-169

ADAPTATION:

Regions 3, 4 and 5 of Map on Page 4 . . . Funk's G-169 is a full season hybrid in the southern part of Region 3; full to medium in Region 4; and an excellent early strain in Region 5. It does well on most soils in this part of the Corn Belt. Gives excellent resistance to heat, drouth, and insect damage. Starts fast in the spring. Funk's G-169 produces exceptionally long ears of large girth and high quality.

13

FEEDING QUALITY! Funk's G-169 packs a lot of feeding value into its big ears. David B. Johnson, Knoxville, Ill., almost surrounded by Herefords in his feedlot, relies on G-169 for the bulk of their ration.



ALWAYS

Reliable

FAMED FOR STANDABILITY AND HIGH YIELDS

**Resists DROUTH,
INSECTS, DISEASE**

Funk's G-94 is like a trusted, steadfast friend to the thousands of farmers who have grown it over a period of years. It always comes through with top yields of extra good feeding corn . . . on many types of soil and under insect attack. Stands well; husks clean and easily. These dependable qualities have made Funk's G-94 one of the most popular hybrids ever produced. Plant G-94 with confidence. It won't let you down.

EAR ACTUAL SIZE

FUNK'S G-94

ADAPTATION:

Regions 4, 5 and 6 of Map on Page 4 . . . Funk's G-94 is of full season maturity in Region 4, medium maturity in Region 5, and medium early in Region 6. G-94 is one of the Corn Belt's greatest hybrids, with wide popular acceptance in its unusually broad range of adaptation. Performs well on most soils. A champion yielder. Gives maximum resistance to disease and insects, especially chinch bugs. An easy hybrid to harvest.

14



CHAMPIONS! T. Richard Lacy, Jr., with T O Model, Reserve Grand Champion of the 1944 Chicago Fat Stock Show and Grand Champion of the Denver show. Dick has shown four champions in Chicago in four years—all fed on G-94. His father says: "Funk's G can't be beat for feeding cattle."

1946

Funk's "G"
HYBRID
CORN GUIDE

FUNK BROS. SEED CO.

Bloomington, Illinois



*Library
U. S. Dept. of Agriculture
Washington, 25, D. C.*

Postmaster: If undeliverable FOR ANY REASON, notify sender, stating reason on FORM 3547, postage for which is guaranteed. In case of removal to another post office, do not notify the addressee, but hold the matter and state on FORM 3547 amount of forwarding postage required, which sender will promptly furnish.



1894

Family

Handbook

CORN GUIDE

PAID
J. H. H. H. H.
J. H. H. H. H.
J. H. H. H. H.

PAID
J. H. H. H. H.
J. H. H. H. H.
J. H. H. H. H.

PAID
J. H. H. H. H.
J. H. H. H. H.
J. H. H. H. H.

Without an equal

IN THE SOUTH CENTRAL CORN BELT

One of the "G"reatest . . . Where the growing season is long, Funk's G-80 is unsurpassed for its ability to make big, sound, splendid-type ears on rugged, sturdy stalks. With its massive, deep roots and heavy foliage, G-80 has remarkable drouth resistance. Performs well on a wide variety of soils, and on highly fertile ground it will make astonishing yields. Produces uniformly large, golden-colored ears with deep, plump, well dented kernels.

EAR ACTUAL SIZE

FUNK'S G-80

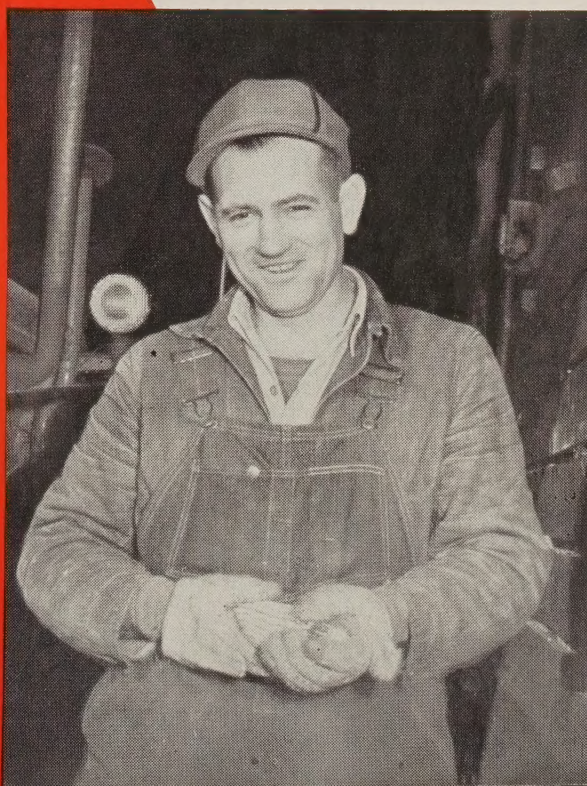
ADAPTATION:

Regions 4, 5 and 6 of Map on Page 4 . . . Funk's G-80 is a full season hybrid in the lower part of Region 4, medium to full season in Region 5, and medium to early in maturity in Region 6. This high-yielding hybrid gives outstanding results in south central and southern Illinois and Indiana, on all common types of soil. Starts fast, makes remarkable root and stalk structure. G-80 resists insects well—especially chinch bugs.

15

EXPECT FIRSTS FROM FUNK'S "G" . . .

Forrest Woods grew an average of 182.05 bushels an acre from Funk's G-80 seed in McLean County to win the official 1944 Illinois Ten-Acre Corn Growing Contest—sponsored by the University of Illinois and the Illinois Crop Improvement Association.



CORN *is* LIFE for America



NUTRITION

Corn makes up a large part of the American people's entire diet. It is eaten in many forms of starch, syrup and oil—as well as meat, milk, eggs and butter.



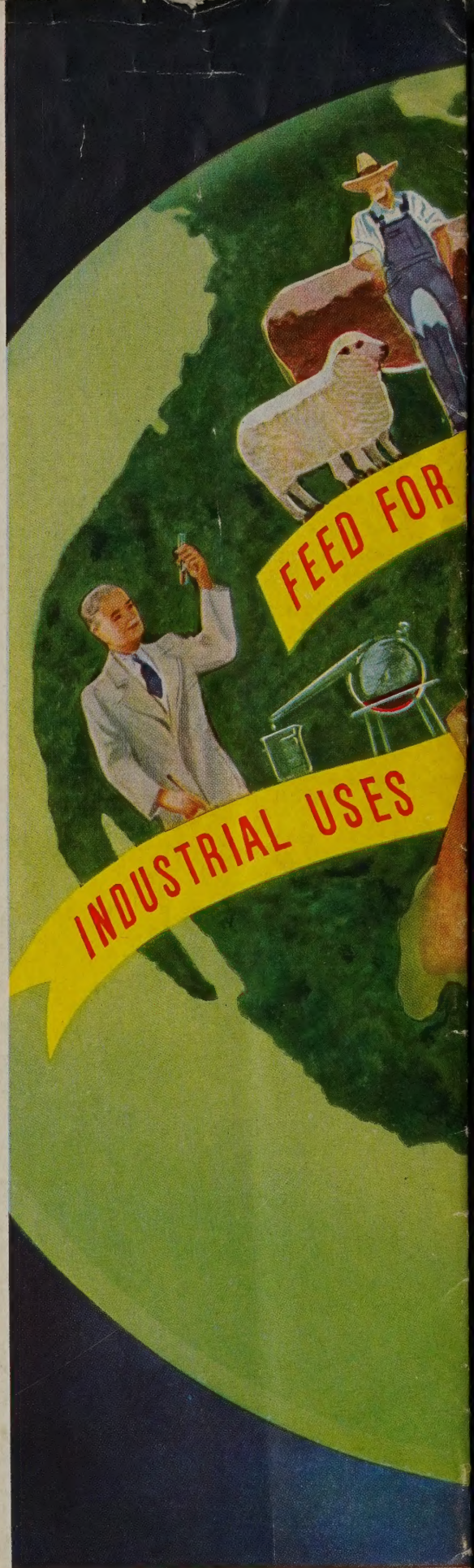
LIVESTOCK

Eighty percent of the corn raised on American farms is fed to livestock and converted to meat, milk, butter and eggs. The success of animal husbandry on millions of American farms depends on corn.



INDUSTRY

Corn yields more industrial products than any other grain. Its starch alone is required in the manufacturing processes of more than thirty modern industries. Corn has no substitute. It has been vital to our successes on the war production front.



Funk's G-Hybrid Guide—Corn Belt Edition

FUNK BROS. SEED CO.

BLOOMINGTON, ILLINOIS

PRINTED IN U.S.A.